

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(14 - 3) \times (10 + 4) + 2^2$

6) $3 \times (6 \times 3 + 7^2) + 6$

2) $(12 - 2)^2 + (10 + 20 \div 2)$

7) $(13 + 36 - 3^2) \div (5 + 5)$

3) $(9 - 2)^2 + (6 - 15 \div 5)$

8) $(14 + 36 - 2) \div 24 - 6^2$

4) $(10 + 44 - 4) \div 25 - 7^2$

9) $(14 + 72 - 6^2) \div (-3 + 5)$

5) $6 \times (7 \times 8 + 6^2) + 5$

10) $(19 + 4) \times (14 - 5) + 2^2$

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Order of Operations

$$\begin{array}{rcl}
 1) & (14 - 3) \times (10 + 4) + 2^2 & \\
 & (14 - 3) \times (10 + 4) + 4 & \\
 & 11 \quad \times \quad 14 \quad + 4 & \\
 & 154 \quad \quad + 4 & \\
 & 158 &
 \end{array}$$

$$\begin{array}{rcl}
 2) & (12 - 2)^2 + (10 + 20 \div 2) & \\
 & (10)^2 + (10 + 10) & \\
 & 100 \quad + \quad 20 & \\
 & 120 &
 \end{array}$$

$$\begin{array}{rcl}
 3) & (9 - 2)^2 + (6 - 15 \div 5) & \\
 & (7)^2 + (6 - 3) & \\
 & 49 \quad + \quad 3 & \\
 & 52 &
 \end{array}$$

$$\begin{array}{rcl}
 4) & (10 + 44 - 4) \div 25 - 7^2 & \\
 & (10 + 44 - 4) \div 25 - 49 & \\
 & (54 - 4) \div 25 - 49 & \\
 & 50 \quad \div 25 - 49 & \\
 & 2 \quad - 49 & \\
 & -47 &
 \end{array}$$

$$\begin{array}{rcl}
 5) & 6 \times (7 \times 8 + 6^2) + 5 & \\
 & 6 \times (7 \times 8 + 36) + 5 & \\
 & 6 \times (56 + 36) + 5 & \\
 & 6 \times 92 + 5 & \\
 & 552 + 5 & \\
 & 557 &
 \end{array}$$

$$\begin{array}{rcl}
 6) & 3 \times (6 \times 3 + 7^2) + 6 & \\
 & 3 \times (6 \times 3 + 49) + 6 & \\
 & 3 \times (18 + 49) + 6 & \\
 & 3 \times 67 + 6 & \\
 & 201 + 6 & \\
 & 207 &
 \end{array}$$

$$\begin{array}{rcl}
 7) & (13 + 36 - 3^2) \div (5 + 5) & \\
 & (13 + 36 - 9) \div (5 + 5) & \\
 & (49 - 9) \div 10 & \\
 & 40 \div 10 & \\
 & 4 &
 \end{array}$$

$$\begin{array}{rcl}
 8) & (14 + 36 - 2) \div 24 - 6^2 & \\
 & (14 + 36 - 2) \div 24 - 36 & \\
 & (50 - 2) \div 24 - 36 & \\
 & 48 \div 24 - 36 & \\
 & 2 - 36 & \\
 & -34 &
 \end{array}$$

$$\begin{array}{rcl}
 9) & (14 + 72 - 6^2) \div (-3 + 5) & \\
 & (14 + 72 - 36) \div (-3 + 5) & \\
 & (86 - 36) \div 2 & \\
 & 50 \div 2 & \\
 & 25 &
 \end{array}$$

$$\begin{array}{rcl}
 10) & (19 + 4) \times (14 - 5) + 2^2 & \\
 & (19 + 4) \times (14 - 5) + 4 & \\
 & 23 \times 9 + 4 & \\
 & 207 + 4 & \\
 & 211 &
 \end{array}$$